All queries on all pages considered /N.i./

EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	50	((("4835444") or ("4447733") or ("4978367") or ("6046814") or ("6076517") or ("4382908") or ("4879489") or ("4249143") or ("4323620") or ("4368103") or ("4459789") or ("4468558") or ("4510391") or ("4543815") or ("4596932") or ("4825846") or ("4853581") or ("4936025") or ("4942284") or ("5260961") or ("5509403") or ("5550375") or ("5739541") or ("5923035") or ("4274007") or ("4329316") or ("4388606") or ("4395632") or ("4422011") or ("4434335") or ("4445042") or ("4507083") or ("4508750") or ("4813210") or ("4916359") or ("4958074") or ("5222389") or ("5225681") or ("5233762") or ("5254832") or ("5312521") or ("5413763") or ("5444255") or ("5474612") or ("5500030") or ("5525518") or ("5527393") or ("5543687") or ("5564419") or ("5585636") or (").pn.")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2012/01/23 12:26
L2	50	((("3652150") or ("3654513") or ("3749972") or ("3848248") or ("3909657") or ("3970886") or ("4041994") or ("4180734") or ("4213501") or ("4264876") or ("4292341") or ("4335573") or ("4356701") or ("4423350") or ("4450568") or ("4504445") or ("4516932") or ("4543483") or ("4596030") or ("4623795") or ("4660210") or ("4678918") or ("4714589") or ("4727283") or ("4755675") or ("4762958") or ("4777318") or ("4873695") or ("4935115") or ("5014339") or ("5070245") or ("5091649") or ("5105122") or ("5129991") or ("5130544") or ("5160992") or ("5215867") or ("5223717") or ("5233194") or ("5247534") or ("5295170") or ("5324552") or ("5369278") or ("5369955") or ("5373135") or ("5456762") or ("5466899") or ("5483948") or ("5563474") or ("5570179") or (").pn.")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2012/01/23 12:26
L3	41	(JONKERS near3 JEROEN).in.	US-PGPUB; USPAT	ADJ	ON	2012/01/23 12:26
L4	1329	(BAKKER).in.	US-PGPUB; USPAT	ADJ	ON	2012/01/23 12:26
L5	276	(SCHUURMANS).in.	US-PGPUB; USPAT	ADJ	ON	2012/01/23 12:26

L6	1571	(L3 or L4 or L5)	US-PGPUB; USPAT	ADJ	ON	2012/01/23 12:26
L7	4	(L3 or L4 or L5) and (remov$3 same contaminant$4).clm.	US-PGPUB; USPAT	ADJ	ON	2012/01/23 12:26
L8	4	(L3 or L4 or L5) and ((remov$3 or clean$3 or scrub$4) same contaminant$4).clm.	US-PGPUB; USPAT	ADJ	ON	2012/01/23 12:26
L9	5	(KONINKLIJKE near4 PHILIPS).as. and (remov$3 same contaminant$4).clm.	US-PGPUB; USPAT	ADJ	ON	2012/01/23 12:26
L10	15	(PHILIPS).as. and (remov$3 same contaminant$4).clm.	US-PGPUB; USPAT	ADJ	ON	2012/01/23 12:26
L11	8	(PHILIPS near4 electronic).as. and (remov$3 same contaminant$4).clm.	US-PGPUB; USPAT	ADJ	ON	2012/01/23 12:26
L12	4064	(250/396r).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2012/01/23 12:26
L13	221	(250/428).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2012/01/23 12:26
L14	112	(250/431).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2012/01/23 12:26
L15	3080	(250/492.1).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2012/01/23 12:26
L16	3452	(250/492.2).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2012/01/23 12:26
L17	1333	(250/492.22).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2012/01/23 12:26
L18	1435	(250/493.1).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2012/01/23 12:26
L19	330	(250/503.1).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2012/01/23 12:26
L20	2146	(250/504r).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2012/01/23 12:26
L21	4	(("20030071997") or ("20030053594") or ("20040032574") or ("20050122491")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2012/01/23 12:26

L22	0	L21 and (adjus$4 same gas)	US-PGPUB; USPAT	ADJ	ON	2012/01/23 12:26
L23	0	L21 and (adjust$4 same gas)	US-PGPUB; USPAT	ADJ	ON	2012/01/23 12:26
L24	87	(@ad<="20040331" or @rlad<="20040331") and (adjust$4 near9 gas near9 second) and "250".clas.	US-PGPUB; USPAT	ADJ	ON	2012/01/23 12:26
L25	6	(@ad<="20040331" or @rlad<="20040331") and (adjust$4 near9 gas near9 second) and ((contaminat$3 or debris) near6 trap$4)	US-PGPUB; USPAT	ADJ	ON	2012/01/23 12:26
L26	41	(JONKERS near3 JEROEN).in.	US-PGPUB; USPAT	ADJ	ON	2012/01/23 12:26
L27	1329	(BAKKER).in.	US-PGPUB; USPAT	ADJ	ON	2012/01/23 12:26
L28	276	(SCHUURMANS).in.	US-PGPUB; USPAT	ADJ	ON	2012/01/23 12:26
L29	1571	(L3 or L4 or L5)	US-PGPUB; USPAT	ADJ	ON	2012/01/23 12:26
L30	4	(L3 or L4 or L5) and (remov$3 same contaminant$4).clm.	US-PGPUB; USPAT	ADJ	ON	2012/01/23 12:26
L31	4	(L3 or L4 or L5) and ((remov$3 or clean$3 or scrub$4) same contaminant$4).clm.	US-PGPUB; USPAT	ADJ	ON	2012/01/23 12:26
L32	5	(KONINKLIJKE near4 PHILIPS).as. and (remov$3 same contaminant$4).clm.	US-PGPUB; USPAT	ADJ	ON	2012/01/23 12:26
L33	15	(PHILIPS).as. and (remov$3 same contaminant$4).clm.	US-PGPUB; USPAT	ADJ	ON	2012/01/23 12:26
L34	8	(PHILIPS near4 electronic).as. and (remov$3 same contaminant$4).clm.	US-PGPUB; USPAT	ADJ	ON	2012/01/23 12:26
L35	4064	(250/396r).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2012/01/23 12:26
L36	221	(250/428).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2012/01/23 12:26
L37	112	(250/431).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2012/01/23 12:26
L38	3080	(250/492.1).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2012/01/23 12:26
L39	3452	(250/492.2).CCLS.	US-PGPUB;	OR	OFF	2012/01/23 12:26

| | | | USPAT;
USOCR | | | |
|---|---|---|---|---|---|---|
| L40 | 1333 | (250/492.22).CCLS. | US-
PGPUB;
USPAT;
USOCR | OR | OFF | 2012/01/23
12:26 |
| L41 | 1435 | (250/493.1).CCLS. | US-
PGPUB;
USPAT;
USOCR | OR | OFF | 2012/01/23
12:26 |
| L42 | 330 | (250/503.1).CCLS. | US-
PGPUB;
USPAT;
USOCR | OR | OFF | 2012/01/23
12:26 |
| L43 | 2146 | (250/504r).CCLS. | US-
PGPUB;
USPAT;
USOCR | OR | OFF | 2012/01/23
12:26 |
| L44 | 4 | (("20030071997") or ("20030053594") or
("20040032574") or ("20050122491")).PN. | US-
PGPUB;
USPAT;
USOCR | OR | OFF | 2012/01/23
12:26 |
| L45 | 0 | L21 and (adjus$4 same gas) | US-
PGPUB;
USPAT | ADJ | ON | 2012/01/23
12:26 |
| L46 | 0 | L21 and (adjust$4 same gas) | US-
PGPUB;
USPAT | ADJ | ON | 2012/01/23
12:26 |
| L47 | 87 | (@ad<="20040331" or
@rlad<="20040331") and (adjust$4 near9
gas near9 second) and "250".clas. | US-
PGPUB;
USPAT | ADJ | ON | 2012/01/23
12:26 |
| L48 | 6 | (@ad<="20040331" or
@rlad<="20040331") and (adjust$4 near9
gas near9 second) and ((contaminat$3 or
debris) near6 trap$4) | US-
PGPUB;
USPAT | ADJ | ON | 2012/01/23
12:26 |
| L49 | 627 | (@ad<="20040331" or
@rlad<="20040331") and (adjust$4 near9
gas near9 second) and ((contaminat$3 or
debris)) | US-
PGPUB;
USPAT | ADJ | ON | 2012/01/23
12:26 |
| L50 | 18 | (@ad<="20040331" or
@rlad<="20040331") and (adjust$4 near9
gas near9 second) and ((contaminat$3 or
debris) and "250".clas. | US-
PGPUB;
USPAT | ADJ | ON | 2012/01/23
12:26 |
| L51 | 50 | (("4835444") or ("4447733") or
("4978367") or ("6046814") or ("6076517")
or ("4382908") or ("4879489") or
("4249143") or ("4323620") or ("4368103")
or ("4459789") or ("4468558") or
("4510391") or ("4543815") or ("4596932")
or ("4825846") or ("4853581") or
("4936025") or ("4942284") or ("5260961")
or ("5509403") or ("5550375") or
("5739541") or ("5923035") or ("4274007")
or ("4329316") or ("4388606") or
("4395632") or ("4422011") or ("4434335")
or ("4445042") or ("4507083") or
("4508750") or ("4813210") or ("4916359")
or ("4958074") or ("5222389") or
("5225681") or ("5233762") or ("5254832")
or ("5312521") or ("5413763") or | US-
PGPUB;
USPAT;
USOCR | OR | OFF | 2012/01/23
12:26 |

		("5444255") or ("5474612") or ("5500030") or ("5525518") or ("5527393") or ("5543687") or ("5564419") or ("5585636") or (".pn.")).PN.				
L52	50	((("3652150") or ("3654513") or ("3749972") or ("3848248") or ("3909657") or ("3970886") or ("4041994") or ("4180734") or ("4213501") or ("4264876") or ("4292341") or ("4335573") or ("4356701") or ("4423350") or ("4450568") or ("4504445") or ("4516932") or ("4543483") or ("4596030") or ("4623795") or ("4660210") or ("4678918") or ("4714589") or ("4727283") or ("4755675") or ("4762958") or ("4777318") or ("4873695") or ("4935115") or ("5014339") or ("5070245") or ("5091649") or ("5105122") or ("5129991") or ("5130544") or ("5160992") or ("5215867") or ("5223717") or ("5233194") or ("5247534") or ("5295170") or ("5324552") or ("5369278") or ("5369955") or ("5373135") or ("5456762") or ("5466899") or ("5483948") or ("5563474") or ("5570179") or (".pn.")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2012/01/23 12:26
L53	100	(L51 or L52)	US-PGPUB; USPAT	ADJ	ON	2012/01/23 12:26
L54	100	(L51 or L52) and (@ad<="20040331" or @rlad<="20040331")	US-PGPUB; USPAT	ADJ	ON	2012/01/23 12:26
L55	1	(L51 or L52) and (@ad<="20040331" or @rlad<="20040331") and (adjust$4 near9 gas near9 second)	US-PGPUB; USPAT	ADJ	ON	2012/01/23 12:26
L56	40	(L51 or L52) and (@ad<="20040331" or @rlad<="20040331") and (gas near9 second)	US-PGPUB; USPAT	ADJ	ON	2012/01/23 12:26
L57	2	(L51 or L52) and (@ad<="20040331" or @rlad<="20040331") and (gas near9 second) and lithograph$4	US-PGPUB; USPAT	ADJ	ON	2012/01/23 12:26
L58	1	("20040032574").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2012/01/23 12:26
L59	13998	(@ad<="20040331" or @rlad<="20040331") and ((radiat$3 or light) same contaminant$4)	US-PGPUB; USPAT	ADJ	ON	2012/01/23 12:26
L60	757	(@ad<="20040331" or @rlad<="20040331") and ((radiat$3 or light) same contaminant$4) and ((second or two) near9 gas same pressur$7)	US-PGPUB; USPAT	ADJ	ON	2012/01/23 12:26
L61	24	(@ad<="20040331" or @rlad<="20040331") and ((radiat$3 or light) same contaminant$4) and ((second or two) near9 gas same pressur$7 same trap$4)	US-PGPUB; USPAT	ADJ	ON	2012/01/23 12:26
L62	40	(@ad<="20040331" or @rlad<="20040331") and (lithograph$4) and ((second or two) near9 gas same pressur$7 same trap$4)	US-PGPUB; USPAT	ADJ	ON	2012/01/23 12:26

L63	9	(@ad<="20040331" or @rlad<="20040331") and (lithograph$4) and ((second or two) near9 gas same pressur$7 same trap$4) same (debris or contaminant$4))	US-PGPUB; USPAT	ADJ	ON	2012/01/23 12:26
L64	16	(@ad<="20040331" or @rlad<="20040331") and (lithograph$4) and ((second or two) near9 gas same pressur$7 same trap$4) and (debris or contaminant$4)	US-PGPUB; USPAT	ADJ	ON	2012/01/23 12:26
L65	11	(@ad<="20040331" or @rlad<="20040331") and (lithograph$4) and ((second or two) near9 gas same pressur$7 same trap$4) and ((debris or contaminant$4) same trap$5)	US-PGPUB; USPAT	ADJ	ON	2012/01/23 12:26
L66	30	(@ad<="20040331" or @rlad<="20040331") and (lithograph$4) and ((second or two) near9 gas same trap$4) and ((debris or contaminant$4) same trap$5)	US-PGPUB; USPAT	ADJ	ON	2012/01/23 12:26
L67	41	(JONKERS near3 JEROEN).in.	US-PGPUB; USPAT	ADJ	ON	2012/01/23 12:26
L68	1329	(BAKKER).in.	US-PGPUB; USPAT	ADJ	ON	2012/01/23 12:26
L69	276	(SCHUURMANS).in.	US-PGPUB; USPAT	ADJ	ON	2012/01/23 12:26
L70	1571	(L67 or L68 or L69)	US-PGPUB; USPAT	ADJ	ON	2012/01/23 12:26
L71	25	L70 and ((trap$4 or filter$3) same (particle or contaminate)).clm.	US-PGPUB; USPAT	ADJ	ON	2012/01/23 12:26
L72	8	L70 and ((trap$4 or filter$3) same (particle or contaminate).clm. and (gas).clm.	US-PGPUB; USPAT	ADJ	ON	2012/01/23 12:26
L73	3	L70 and ((trap$4 or filter$3) same (particle or contaminate)).clm. and (gas same (first or second or multiple)).clm.	US-PGPUB; USPAT	ADJ	ON	2012/01/23 12:26
L74	3	L70 and ((trap$4 or filter$3) same (particle or contaminate)).clm. and (gas near6 (first or second or multiple)).clm.	US-PGPUB; USPAT	ADJ	ON	2012/01/23 12:26
L75	4594	(@ad<="20040331" or @rlad<="20040331") and (euv or ultraviolet or ultra-violet or uv) and (gas same (filter$3 or trap$4) same (contaminat$4 or particle or particulate))	US-PGPUB; USPAT	ADJ	ON	2012/01/23 12:26
L76	981	(@ad<="20040331" or @rlad<="20040331") and (euv or ultraviolet or ultra-violet or uv) and (gas same (filter$3 or trap$4) same (contaminat$4 or particle or particulate)) and (second near6 gas)	US-PGPUB; USPAT	ADJ	ON	2012/01/23 12:26
L77	157	(@ad<="20040331" or @rlad<="20040331") and (euv or ultraviolet or ultra-violet or uv) and ((gas near6 second) same (filter$3 or trap$4) same (contaminat$4 or particle or particulate))	US-PGPUB; USPAT	ADJ	ON	2012/01/23 12:26

L78	34	(@ad<="20040331" or @rlad<="20040331") and (euv or ultraviolet or ultra-violet or uv) and ((gas near6 second) same (filter$3 or trap$4) same (contaminat$4 or particle or particulate)) and lithograph$3	US-PGPUB; USPAT	ADJ	ON	2012/01/23 12:26
L79	112	(@ad<="20040331" or @rlad<="20040331") and (euv or ultraviolet or ultra-violet or uv) and ((gas near3 second) same (filter$3 or trap$4) same (contaminat$4 or particle or particulate))	US-PGPUB; USPAT	ADJ	ON	2012/01/23 12:26
L80	1	("6232613").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2012/01/23 12:26
L81	48	(@ad<="20040331" or @rlad<="20040331") and (euv or ultraviolet or ultra-violet or uv or x-ray) and ((gas near6 second) same (filter$3 or trap$4) same (contaminat$4 or particle or particulate)) (lithograph$3 or photolithograph$3 or photo-lithograph$3)	US-PGPUB; USPAT	ADJ	ON	2012/01/23 12:26
L82	64	(@ad<="20040331" or @rlad<="20040331") and (euv or ultraviolet or ultra-violet or uv or x-ray) and ((gas near6 (second or different or multiple)) same (filter$3 or trap$4) same (contaminat$4 or particle or particulate)) and (lithograph$3 or photolithograph$3 or photo-lithograph$3)	US-PGPUB; USPAT	ADJ	ON	2012/01/23 12:26
L83	16	(@ad<="20040331" or @rlad<="20040331") and (euv or ultraviolet or ultra-violet or uv or x-ray) and ((gas near6 (second or different or multiple)) same (filter$3 or trap$4) same (contaminat$4 or particle or particulate)) and (lithograph$3 or photolithograph$3 or photo-lithograph$3) not L81	US-PGPUB; USPAT	ADJ	ON	2012/01/23 12:26
L84	82	(@ad<="20040331" or @rlad<="20040331") and ((gas near6 second) same (filter$3 or trap$4) same (contaminat$4 or particle or particulate)) and (lithograph$3 or photolithograph$3 or photo-lithograph$3)	US-PGPUB; USPAT	ADJ	ON	2012/01/23 12:26
L85	48	(@ad<="20040331" or @rlad<="20040331") and ((gas near6 second) same (filter$3 or trap$4) same (contaminat$4 or particle or particulate)) and (lithograph$3 or photolithograph$3 or photo-lithograph$3) not L78	US-PGPUB; USPAT	ADJ	ON	2012/01/23 12:26
L86	134	(@ad<="20040331" or @rlad<="20040331") and (euv or ultraviolet or ultra-violet or uv or x-ray) and ((gas near3 second) same (filter$3 or trap$4) same (contaminat$4 or particle or particulate))	US-PGPUB; USPAT	ADJ	ON	2012/01/23 12:26
L87	134	(@ad<="20040331" or @rlad<="20040331") and (euv or ultraviolet or ultra-violet or uv or x-ray) and ((gas near3 second) same (filter$3 or trap$4) same (contaminat$4 or particle or	US-PGPUB; USPAT	ADJ	ON	2012/01/23 12:26

		particulate or debris))				
L88	2	("0623613").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2012/01/23 12:46
L89	1	("6232613").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2012/01/23 12:46
L100	4	(euv or ultraviolet or ultra-violet or uv or x-ray).clm. and ((gas near3 second) same (filter$3 or trap$4) same (contaminant$4 or particle or particulate or debris)).clm.	US-PGPUB; USPAT	ADJ	ON	2012/01/23 13:57

EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L90	2579	(250/396R).CCLS.	USPAT; UPAD	OR	OFF	2012/01/23 12:59
L91	156	(250/428).CCLS.	USPAT; UPAD	OR	OFF	2012/01/23 12:59
L92	90	(250/431).CCLS.	USPAT; UPAD	OR	OFF	2012/01/23 12:59
L93	1996	(250/492.1).CCLS.	USPAT; UPAD	OR	OFF	2012/01/23 12:59
L94	2833	(250/492.2).CCLS.	USPAT; UPAD	OR	OFF	2012/01/23 12:59
L95	954	(250/492.22).CCLS.	USPAT; UPAD	OR	OFF	2012/01/23 12:59
L96	1879	(250/492.3).CCLS.	USPAT; UPAD	OR	OFF	2012/01/23 12:59
L97	988	(250/493.1).CCLS.	USPAT; UPAD	OR	OFF	2012/01/23 12:59
L98	210	(250/503.1).CCLS.	USPAT; UPAD	OR	OFF	2012/01/23 12:59
L99	1402	(250/504r).CCLS.	USPAT; UPAD	OR	OFF	2012/01/23 13:00
L101	2	(euv or ultraviolet or ultra-violet or uv or x-ray).clm. and ((gas near3 second) same (filter$3 or trap$4) same (contaminant$4 or particle or particulate or debris)).clm.	USPAT; UPAD	ADJ	ON	2012/01/23 13:57

1/23/2012 1:57:57 PM
C:\Users\nippolito\Documents\EAST\Workspaces\10599345contaminantremove.wsp